

Agenda

Presented by Rachael Keish

Agenda Day One - Wednesday, April 20, 2022

Understanding Stormwater Permit Requirements and Procedures in California

Background and development of national and state regulations and permit requirements

Activities exempt from construction general stormwater permit requirements

Complying with NPDES and the California State Water Resources Control Board

- Notice of intent requirements
- What the permit covers and does not cover
- Application process
- General requirements and standard conditions
- Implementing, monitoring and assessing SWPPPs

Understanding and Applying the Science of Stormwater

Hydrology, soil science and drainage

Identifying consequences of storm events

Stormwater modeling

Runoff reduction, routing and storage

Infiltration and percolation

Choosing Appropriate Stormwater Best Management Practices (BMPs)

Stormwater management planning

Sizing criteria

Green infrastructure practices

- Preservation of natural features and conservation design
- Reducing impervious cover

Green management techniques

- Conservation of natural areas
- Vegetated swales
- Stream daylighting
- Green roofs
- Rain barrels/cisterns
- Proprietary practices
- Riparian buffers and filter strips
- Disconnected runoff
- Rain gardens
- Stormwater planters
- Porous pavement

Agenda Day Two - Thursday April 21, 2022

Choosing Appropriate Stormwater Best Management Practices (BMPs) (Continued)

Developing Stormwater Pollution Prevention Plans (SWPPP)

Including required elements

Assessing building sites

Choosing best management practices (BMPs)

Planning for required inspection, maintenance and recordkeeping

Obtaining plan certification

Implementing SWPPPs

Developing Plans for Inspection, Monitoring, Maintenance and Recordkeeping

Understanding the science and terminology of stormwater management and monitoring

Implementing monitoring plans

Reviewing stormwater BMP case studies

California Stormwater Management 2022

Online - Wednesday, April 20 and Thursday April 21, 2022

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Identify how to comply with NPDES and the California State Water Resources Control Board regulations.

Explore the consequences of storm events and learn how to use stormwater models to predict runoff and routing.

Choose stormwater best management practices, including use of natural areas, riparian buffers, vegetated swales, rain gardens, cisterns and porous pavement.

Analyze the contents of stormwater pollution prevention plans, including required elements, and plans for inspection, maintenance, and recordkeeping.

Implement monitoring plans and review real-world case studies.



HalfMoon Education Live Webinars California Stormwater Management 2022

Live, Interactive Webinar

Wednesday, April 20 and Thursday April 21, 2022



Analyze stormwater permit requirements and procedures in California

Learn how to develop stormwater pollution prevention plans (SWPPP)

Understand and apply the science of stormwater

Discuss plans for inspection, monitoring, maintenance and recordkeeping

Choose appropriate stormwater best management practices (BMPs)

Continuing Education Credits

Professional Engineers

7.0 PDHs

Landscape Architects

7.0 HSW CE Hours

7.0 LA CES HSW PDHs

Architects

7.0 HSW CE Hours

7.0 AIA LU | HSW

International Code Council

.7 CEUs (Sitework)

Floodplain Managers

7.0 ASFPM CECs



Faculty

Rachael Keish *CEO at Keish Environmental*
Ms. Keish has over 20 years of experience in environmental engineering, specializing in stormwater and construction mitigation compliance. Ms. Keish is a California Stormwater Quality Association (CASQA) qualified trainer of record under the construction and industrial stormwater permits, as well as a qualified SWPPP practitioner/developer (QSP/D) and qualified industrial stormwater practitioner (QISP). She has also conducted statewide stormwater trainings on visual trash assessment for full trash capture equivalence. Her project experience includes work as seconded staff on a Phase II MS4 program, as well as in design and construction on large infrastructure projects. She is also an Envision sustainability professional (ENV SP), and an ISI verifier and trainer. Ms. Keish is currently serving as CASQA Non-Traditional Subcommittee co-chair and WTS Women’s Leadership Program chair.

Webinar Information

Day One: Wednesday, April 20, 2022
8:30 am - 12:30 pm PDT (including 30 minutes of break)
Day Two: Thursday, April 21, 2022
8:30 am - 12:30 pm PDT (including 30 minutes of break)
(please log into the webinar 15 - 30 minutes before start time)

Tuition
\$319 for individual registration
\$289 for two or more registrants from the same company at the same time.
Included with your registration: PDF seminar manual.

How to Register
• Visit us online at www.halfmoonseminars.org
• Mail-in or fax the attached form to 715-835-6066
• Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

Can’t Attend? Order the Webinar as a Self-Study Package!
Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Learning

Advances in Pavement Design, Construction and Maintenance
Thurs, Mar 10, 2022 | 8:30 am - 3:30 pm PDT
Agenda Highlights:
- Principles of pavement structural design
- Pavement mix design
- Best practices in pavement construction
- Special topics in pavement engineering and research
- Advances in pavement testing
- Sustainability practices for pavements

California - Complying with Fire, Building and Mechanical Codes
Thurs, Mar 24, 2022 | 8:00 am - 3:30 pm PDT
Agenda Highlights:
- Building and mechanical code overview
- Fire criteria focus
- Smoke control system considerations
- Alternate means for fire-rated ducts and enclosures
- Stairwell pressurization through AC179

For more information and other online learning opportunities visit:
www.halfmoonseminars.org

Continuing Education Credit Information
This webinar offers a 7.0 hour continuing education opportunity to California professional engineers, architects and landscape architects. Continuing education is not required for license maintenance in California.

Professional engineers, architects and landscape architects seeking continuing education credit in other states will be able to claim the hours earned through this webinar, in most cases. Refer to specific state rules to determine eligibility.

The American Institute of Architects Continuing Education System has approved this course for 7.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/ CES.

The Landscape Architecture Continuing Education System has approved this course for 7.0 HSW PDHs. Only full participation is reportable to the LA CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Sitework (No. 1232).

This webinar has been approved by the Association of State Floodplain Managers for 7.0 CECs for floodplain managers.

Completion certificates will be awarded to participants who complete this event, respond to all prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Added Value:
Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date.
(live webinar attendance required to receive credit)

California Easements, Rights-of-Way, and Eminent Domain
Wed, April 13, 2022 | 8:30 am - 4:00 pm PDT
Agenda Highlights:
- Identifying, classifying and locating easements
- Understanding utility easements and rights of way
- Creating and managing highway rights-of-way
- Eminent domain law
- Participating in the condemnation process

California Water Rights, Supply and Quality
Mon, April 25, 2022 | 8:30 am - 4:00 pm PDT
Agenda Highlights:
- Groundwater rights, SGMA, and replenishing groundwater
- Complying with water quality regulations
- Urban water management plans, water supply assessments, and their role under CEQA
- Water utility regulation
- Update on PFAS and other contaminants in water

Registration

California Stormwater Management 2022
Live, Interactive Webinar - Wednesday, April 20 and Thursday April 21, 2022

How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900		
Fax: 715-835-6066	Code:	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
Complete the entire form. Attach duplicates if necessary.		() I need special accommodations. Please contact me.

Tuition
() **I will be attending the live webinar.** Single Registrant - **\$319.00**. Two or more registrants from the same company registering at the same time - **\$289.00** each.
() **I am not attending.** Please send me the webinar recording:
☐ Streamable MP4 Video/PDF Manual for **\$329.00**.
☐ USB Video/PDF Manual for **\$329.00**.

Checks: Make payable to HalfMoon Education Inc.
Credit Card: *Mastercard, Visa, American Express, or Discover*
Credit Card Number: _____
Expiration Date: _____ CV2 Code: _____
Cardholder Name: _____
Billing Address: _____
City: _____ State: _____ Zip: _____
Signature: _____
Email: _____